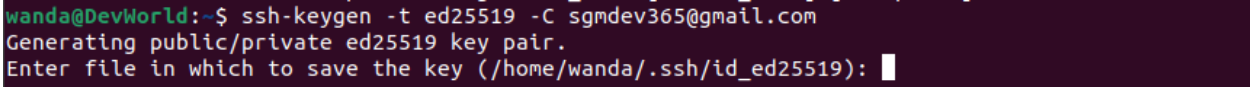


Generating a new ssh key GitHub

(<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>)

To generate the key:

1. Open Terminal
 - a. Enter: `ssh-keygen -t ed25519 -C "your_email@example.com"` (without the quotes)
2. 

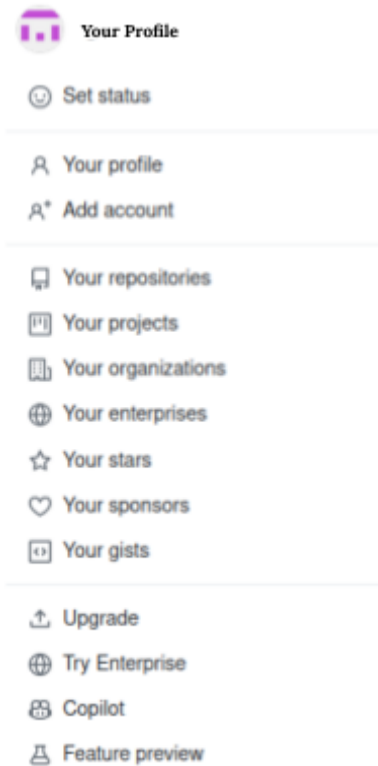
```
wanda@DevWorld:~$ ssh-keygen -t ed25519 -C sgmdev365@gmail.com
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/wanda/.ssh/id_ed25519):
```
3. When you're prompted to "Enter a file in which to save the key", you can press Enter to accept the default file location.
4. When prompted to enter a password: Press enter, enter
 - a. (do not add password) this is a certificate generated key
 - b. adding a password will require it to be entered every time a commit is performed


To Generate the code to paste on GitHub:


5. Type: `cat ~/.ssh/id_ed25519.pub`
6. Copy to the clipboard using Ctrl+C


To Add SSH code on GitHub account:


7. Navigate to your GitHub
8. On the the upper-right corner of the page, click on you Profile Picture
 - a. Then click on Settings





- b.  Settings
- c. In the "Access" section of the sidebar, click SSH and GPG keys.

 **Public profile**



 Account


 Appearance


 Accessibility


 Notifications


Access


 Billing and plans 


 Emails



 Password and authentication

 Sessions

 **SSH and GPG keys**

 Organizations

 Enterprises

 Moderation 

d.

e. Click New SSH key or Add SSH key.

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

f.

Add new SSH Key

Title

Add a description label for your new key

Key type

Authentication Key 

Key

Begins with 'ssh-rsa', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', 'ecdsa-sha2-nistp521', 'ssh-ed25519', 'sk-ecdsa-sha2-nistp256@openssh.com', or 'sk-ssh-ed25519@openssh.com'

Enter your key here.

Add SSH key

g.

h. Click Add SSH key